

## **Division of Information Technology Services Technical Bulletin**

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There are three new CICS regions running on CPU4. They are CICS1, CICST2 and CICST3. They are part of the test CICS environment. We are implementing the MRO (Multi-Region Option) feature of CICS on July 26, 1992.

The reasons for this change are:

1. To set up an environment that will simulate the ORSIS production environment.
2. Aid in the CICS v2.1.1 to CICS v3.1.1 migration.
3. To break up CICST into separate parts so that it is not quite so big. This will allow faster startup time for the CICST environment.

In MRO you have two types of CICS regions. They are:

1. A Terminal Owning Region (TOR)
2. An Application Owning Region (AOR)

In this case CICST is the TOR and CICST2 and CICST3 are the AORs. Each of the AORs will have different customer applications running in them.

There will be a new way to use the current "CEMT" transaction. Since you will be signing on to the TOR (CICST) and the applications will be in the AORs, you will need to use some new transactions to run "CEMT" in the AORs. This is required because CEMT will only apply to the region that you are signed on to (CICST). Therefore I have created a group of several transactions that will need to run in the remote CICS region. The transactions that are currently in this group are: CEMT, CEBR, CECI, CECS, CEDF, CNTL, and CORE. If there are other transactions that need to be included I can add them. To run these transactions in the AOR you will need to change the first two characters of the transaction. To get to CICST2 change the first two characters to "T3". For example, to look at the active tasks running in CICST2 or CICST3 you will need to enter the following:

"T1MT I TA"	for CICST1, and
"T2MT I TA"	for CICST2, and
"T3MT I TA"	for CICST3.

To do a NEWCOPY for a program that has just been compiled you will need to enter the following command:

"T1MT SET PROG(XXXXXXXX),NEW"	for CICST1, and
"T2MT SET PROG(XXXXXXXX),NEW"	for CICST2, and
"T3MT SET PROG(XXXXXXXX),NEW"	for CICST3.

You may also do an INTERTEST newcopy the same way:

"T1TL=NEW,PROG=XXXXXXXX"	for CICST1, and
"T2TL=NEW,PROG=XXXXXXXX"	for CICST2, and
"T3TL=NEW,PROG=XXXXXXXX"	for CICST3.

Below is a list of the transactions.

CICST	CICST1	CICST2	CICST3
CEMT	T1MT	T2MT	T3MT
CECI	T1CI	T2CI	T3CI
CECS	T1CS	T2CS	T3CS
CEBR	T1BR	T2BR	T3BR
CNTL	T1TL	T2TL	T3TL
CORE	T1RE	T2RE	T3RE
FILE	T1LE	T2LE	T3LE

### Using CEDF with MRO

The following are the instructions on how to use CEDF in an MRO environment. This new method is needed because CEDF will only work in the CICS region that you are signed on to (where your terminal definition resides).

The new procedures are as follows"

1. You will need to enter "CRTE SYSID=xxxx", where xxxx = the four character SYSID of the CICS region your application is in. The SYSID's are:

CIT1	for	CICST1
CIT2	for	CICST2
CIT3	for	CICST3

This will route all subsequent transactions that you enter to the SYSID that you specified.

2. Enter CEDF>  
Note: The two terminal mode of CEDF does not work in this environment. Nor does a started transaction start on your terminal and continue the CEDF session. The started transaction waits until you stop the CEDF session and end the routing session with the AOR.
  3. Enter your transaction. You should now be in CEDF mode for that transaction. All of the CEDF functions are available for you to use.
  4. When you are finished using CEDF, you will need to stop the routing session. You do this by entering CANCEL. This will stop the routing to the AOR specified on the CRTEj command.
- \* You must enter the CANCEL command before you LOGOFF or you will not be logged off. Entering LOGOFF will not cancel the routing session.

At this point everything should be back to normal.

Below is a chart listing where your applications will be located. Each application is not listed separately. We plan to put all applications for the department(s) listed in the region that your department is listed in.

TOR	AOR	AOR	AOR
CICST	CICST1 (v3)	CICST2 (v2)	CICST3 (v3)
All other applications	Monies Office Vision Public Safety Pacmis Tax Commission	Empty at this time. This region is for any applications that may not run on CICS v3.1.1	ORSIS Finance applications Health

**\*\*IMPORTANT NOTE\*\***

Keep in mind that these are the test versions of these applications. The production versions of all applications remain unchanged.

If you have any questions please call the CICS support staff at 538-3179.